NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s)

[X] 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.

[ ] 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).

[ ] 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).

[ ] 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."

[ ] 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).

[ ] 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).

[X] 7. Other: _Sequence in Specification & claims NOT in SEQ LISTING_

Applicant Must Provide:

[X] An initial or (substitute) computer readable form (CRF) copy of the "Sequence Listing".

[X] An initial or (substitute) paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.

[X] A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216
For CRF Submission Help, call (703) 308-4212
For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

COPY FOR [X] File [ ] Applicant

1644 Batch

Serial Numb r: *09/091,578*

CRF Processing Date: *12/31/98*
Edited by: _____
Verified by: _____*AL*__ (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:
_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____ **ENTERED**

☑ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☑ Deleted extra, invalid, headings used by an applicant, specifically:
INTERNATIONAL

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____ .

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:
_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:
_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:
_____
_____
_____

*Examin r: Th abov corrections must b communicated to th applicant in th first Office Action. DO NOT s nd a copy of this form. 3/1/95

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/091,578*

DATE: 01/04/99
TIME: 16:36:44

INPUT SET: S30514.raw

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                              SEQUENCE LISTING
 2
 3    (1)    General Information:
 4
 5       (i) APPLICANT: Madison, Edwin L.
 6                      Smith, Jeffrey W.
 7
 8      (ii) TITLE OF INVENTION: TARGETED THERAPEUTIC OR DIAGNOSTIC
 9                AGENTS AND METHODS OF MAKING AND USING SAME
10
11    (iii) NUMBER OF SEQUENCES: 1
12
13     (iv) CORRESPONDENCE ADDRESS:
14             (A) ADDRESSEE: NEEDLE & ROSENBERG, P.C.
15             (B) STREET: 127 Peachtree St., NE Suite 1200
16             (C) CITY: Atlanta
17             (D) STATE: GA
18             (E) COUNTRY: USA
19             (F) ZIP: 30303
20
21      (v) COMPUTER READABLE FORM:
22             (A) MEDIUM TYPE: Floppy disk
23             (B) COMPUTER: IBM PC compatible
24             (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25             (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
26
27     (vi) CURRENT APPLICATION DATA:
28             (A) APPLICATION NUMBER:
29             (B) FILING DATE:
30             (C) CLASSIFICATION:
31
32    (vii) PRIOR APPLICATION DATA:
33             (A) APPLICATION NUMBER:  PCT/US96/20577
34             (B) FILING DATE: December 19, 1996
35
36    (vii) PRIOR APPLICATION DATA:
37             (A) APPLICATION SERIAL NUMBER: 60/009,028
38             (B) FILING DATE: December 21, 1995
39
40   (viii) ATTORNEY/AGENT INFORMATION:
41             (A) NAME: Mary L. Miller
42             (B) REGISTRATION NUMBER: 39,303
43             (C) REFERENCE/DOCKET NUMBER: 19191.0002
44
45     (ix) TELECOMMUNICATION INFORMATION:
46             (A) TELEPHONE: 404 688 0770
```

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION   *US/09/091,578*

DATE: 01/04/99
TIME: 16:36:45

INPUT SET: S30514.raw

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47                    (B) TELEFAX: 404 688 9880
48
49
50   (2) INFORMATION FOR SEQ ID NO:1:
51
52        (i) SEQUENCE CHARACTERISTICS:
53              (A) LENGTH: 53 base pairs
54              (B) TYPE: nucleic acid
55              (C) STRANDEDNESS: double
56              (D) TOPOLOGY: linear
57
58       (ii) MOLECULE TYPE: other nucleic acid
59
60
61       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
62
63   CGGGGGCACC TGCTCATTCG GAAGGGGAGA CATTAGGAAT GTGTGCCAGT GCC        53
64
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/091,578*

INPUT SET: S30514.raw

Line   Error   Original Text